INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 1 of 16 Docket No.: 03504.000100.

1/16

# FIG. 1

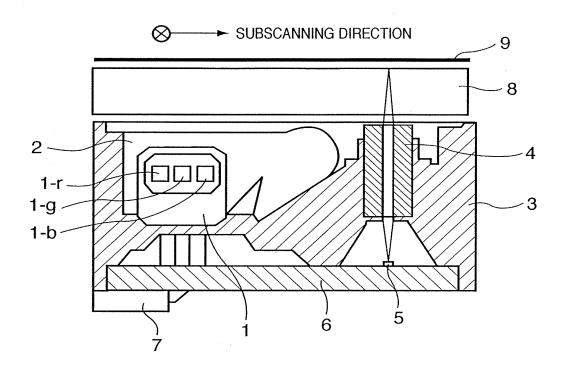
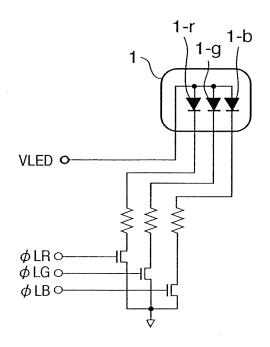


FIG. 2

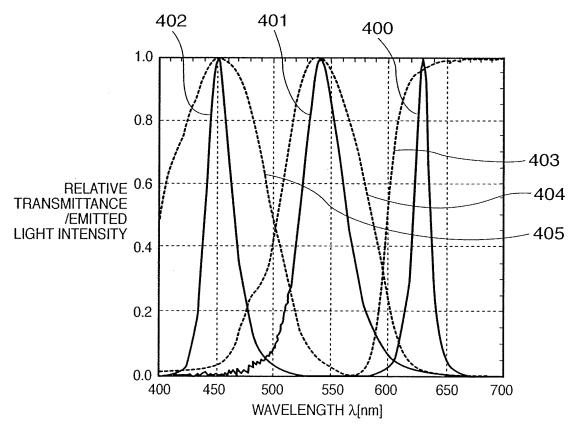


INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 2 of 16 Docket No.: 03504.000100.

F I G. 3

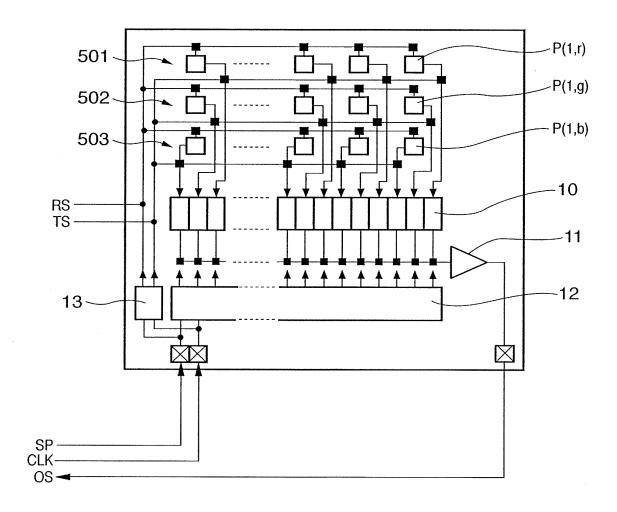
SUBSCANNING DIRECTION MAIN SCANNING DIRECTION → ·CF-g CF-r P(n,r) P(1,r) 0 P(1,g) - P(1,b) 30 P(n,b)CF-b P(n,g)5-m 5-2 5-1

FIG. 4



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 3 of 16 Docket No.: 03504.000100.

FIG. 5



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 4 of 16

Docket No.: 03504.000100.



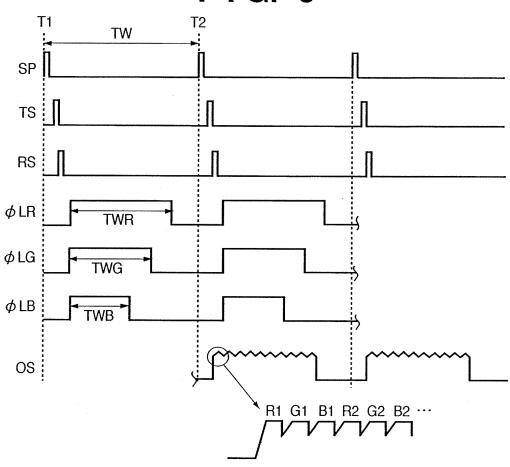
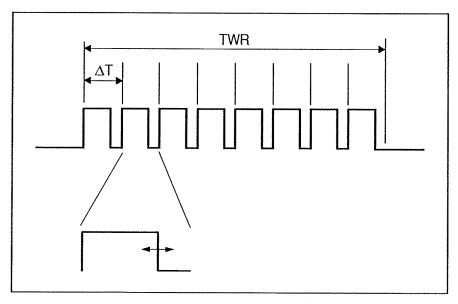


FIG. 7A



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 5 of 16 Docket No.: 03504.000100.

5/16

FIG. 7B

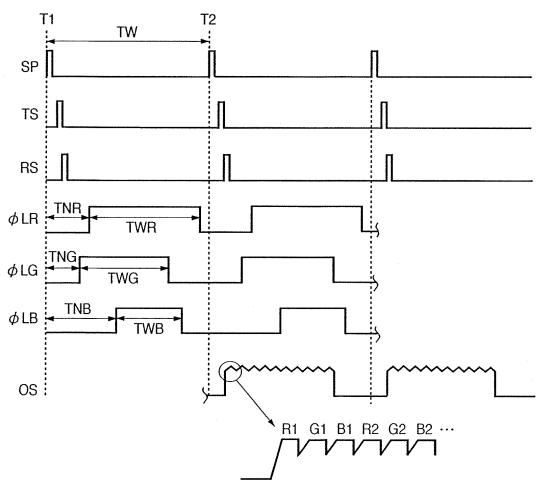
VREF

OLR O

(\$\phi LR O \)

(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$\phi LR O \)
(\$

FIG. 8



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 6 of 16 Docket No.: 03504.000100.

FIG. 9A

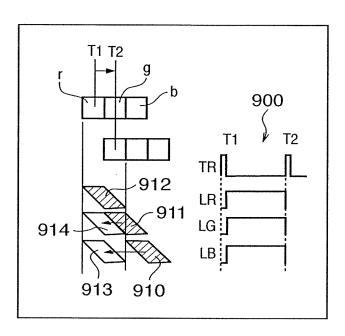
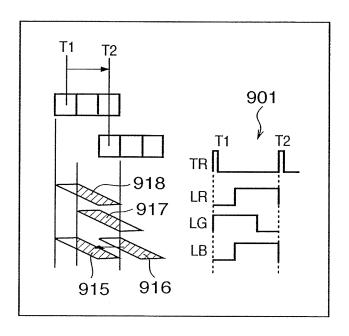


FIG. 9B



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 7 of 16

Docket No.: 03504.000100.

FIG. 9C

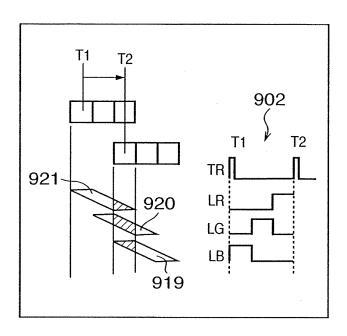
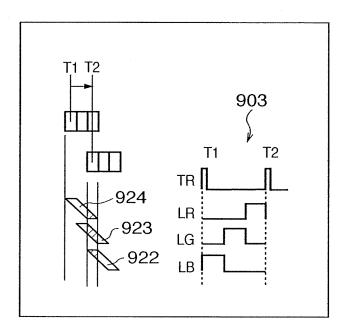


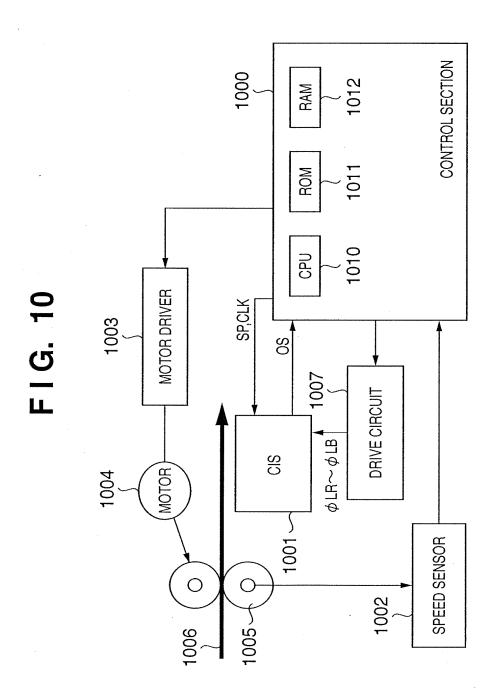
FIG. 9D

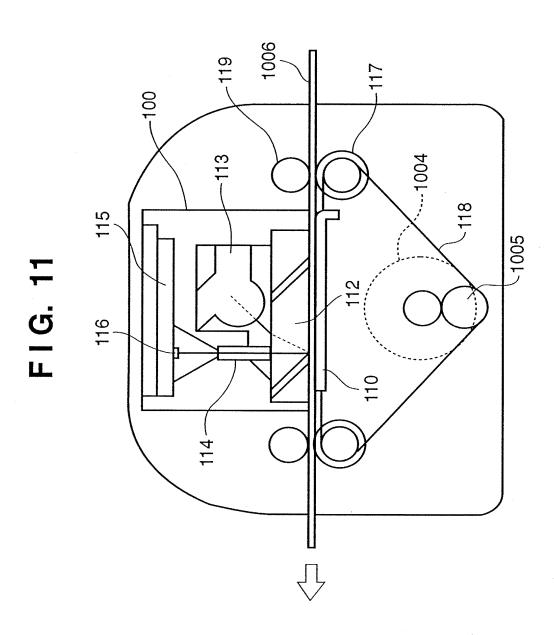


INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ...

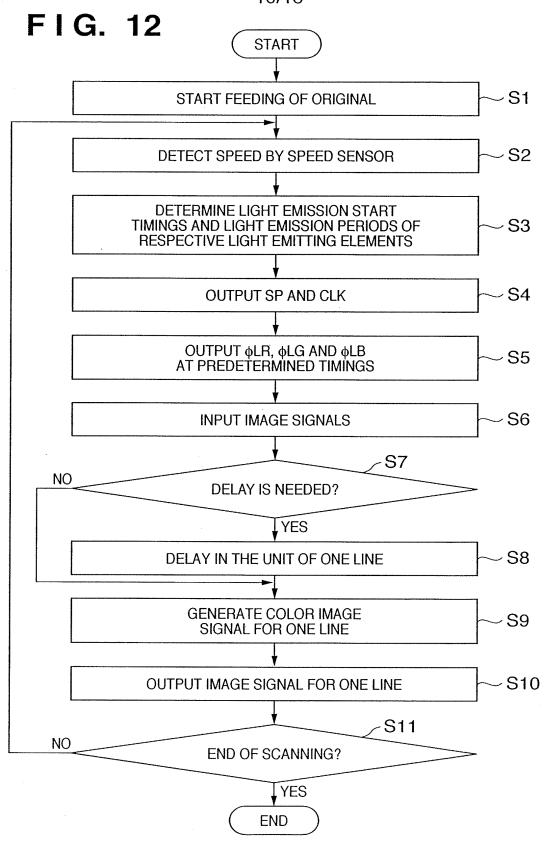
8/16

Sheet 8 of 16 Docket No.: 03504.000100.





INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 10 of 16 Docket No.: 03504.000100.



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 11 of 16 Docket No.: 03504.000100.

11/16

## FIG. 13A

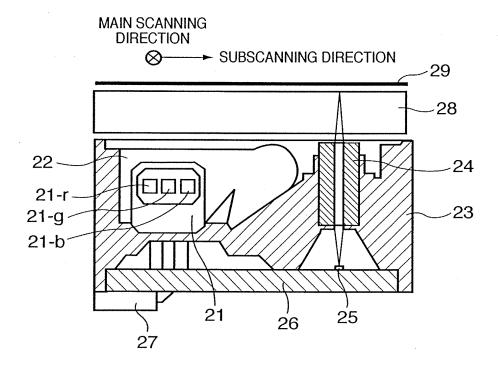
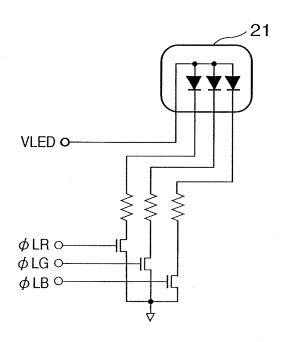
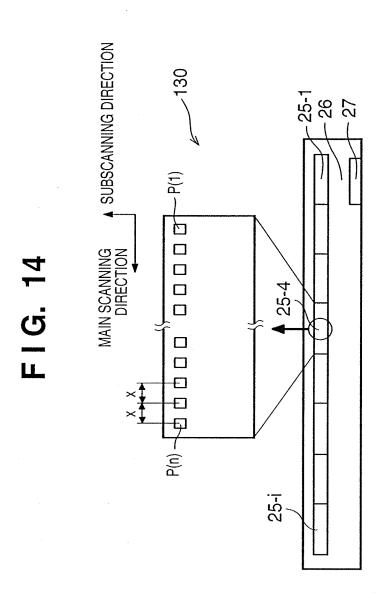
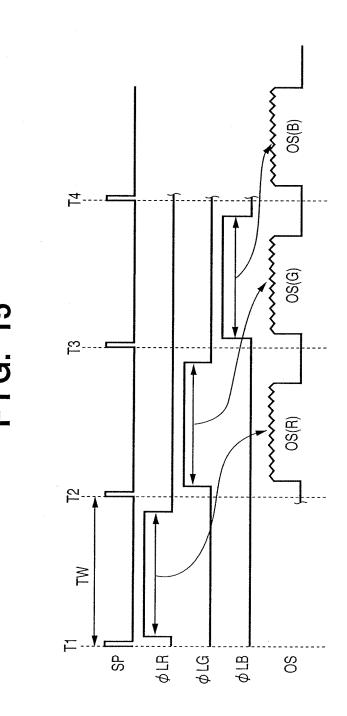


FIG. 13B



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 12 of 16 Docket No.: 03504.000100.



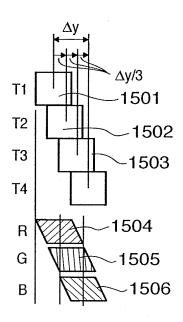


INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 14 of 16

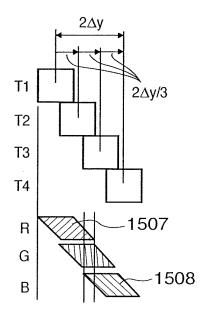
Docket No.: 03504.000100.

14/16

### FIG. 16A



### FIG. 16B



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 15 of 16 Docket No.: 03504.000100.

15/16

#### FIG. 17

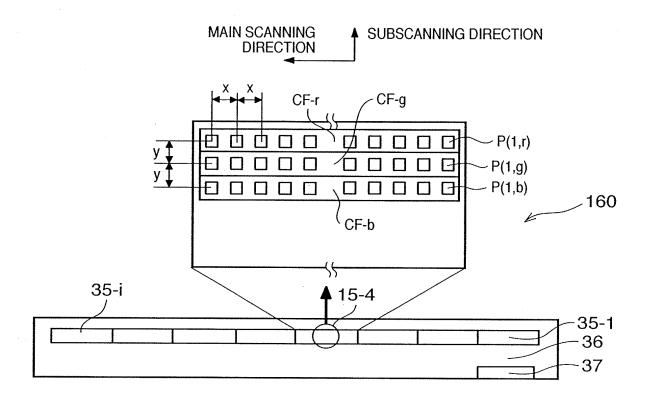
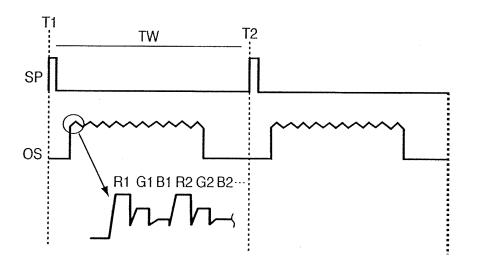


FIG. 18



INVENTOR: TAKAHIRO KAIHOTSU TITLE: COLOR IMAGE SENSOR UNIT AND IMAGE READING APPARATUS USING THE ... Sheet 16 of 16

Docket No.: 03504.000100.

16/16

FIG. 19A

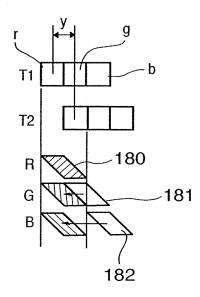


FIG. 19B

